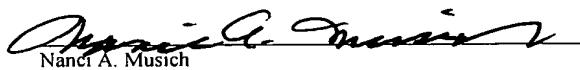


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09 MARCH 2006  
Date

  
Nancy A. Musich

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

Application of

James Edmond BATEMAN and Gareth DERBYSHIRE

U.S. Serial No. Unknown  
(U.S. National Phase of  
PCT/GB2004/003680)

International Filing Date: 27 August 2004

"IONISING PARTICLE ANALYSER ENABLING FOR EXAMPLE THE SEPARATION OF THE FLUORESCENT YIELD (FY) AND THE TOTAL ELECTRON YIELD (TEY) IN EXAFS (EXTENDED X-RAY ABSORPTION FINE STRUCTURE) MEASUREMENTS"

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(b)(2)**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A, copies of which are attached. Citation of these references is respectfully requested.

In accordance with 37 CFR 1.97(b)(2), this information disclosure statement is being filed within three months of the date of entry of the national stage as set forth in §1.491 in an international application.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

  
Nicole J. Einerson  
Reg. No. 57,973

File No. 063511-9088-00

Michael Best & Friedrich LLP  
100 East Wisconsin Avenue, Suite 3300  
414.271.6560  
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary)<br><br>Sheet 1 of 2 |  | Application Number   |                      |
|   |  | Filing Date          |                      |
|   |  | First named Inventor | James Edmond Bateman |
|   |  | Group Art Unit       |                      |
|   |  | Examiner name        |                      |
| Attorney Docket Number  |  | 063511-9088-00       |                      |

**U.S. Patent Documents**

| Examiner Initials |  | U.S. Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
|-------------------|--|-----------------------------|---|---------------------------------------|
|                   |  |                             |   |                                       |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials |  | Country Code | Foreign Patent Document Number | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document | Translation | English Abstract |
|-------------------|--|--------------|--------------------------------|---|---------------------------------------|-------------|------------------|
|                   |  | WO           | 9306470                        | European Economic Community                     | 04/01/1993                            |             |                  |
|                   |  |              |                                |   |                                       |             |                  |
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

|                   |   |
|-------------------|---|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.                             |
|                   | R. A. ROSENBERG, J. K. SIMONS, and S. P. FRIGO, "X-ray fluorescence detection of low-Z elements using a microchannel plate detector," <i>Review of Scientific Instruments</i> , vol. 63, no. 4, Part 1, April 1992 (1992-04), p. 2193-2194, XP002305295, 1992, American Institute of Physics. |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |  | Application Number     |                      |
| (use as many sheets as necessary)                        |  | Filing Date            |                      |
| Sheet 2 of 2   |  | First named Inventor   | James Edmond Bateman |
|  |  | Group Art Unit         |                      |
|  |  | Examiner name          |                      |
|  |  | Attorney Docket Number | 063511-9088-00       |
| U.S. Patent Documents                                    |  |                        |                      |

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

|  |  |
|--|--|
|  | MASOUD KASRAI ET AL, "X-ray fluorescence measurements of X-ray absorption near edge structure at the Si, P, and S L edges," <i>Journal of Vacuum Science &amp; Technology A (Vacuum, Surfaces, and Films)</i> , vol. 11, no. 5, September-October 1993, p. 2694-2699, XP002305296, ISSN: 0734-2101, p. 2694, right-hand column, p. 2695, right-hand column, paragraph 2, American Vacuum Society, USA. |
|  | J. E. BATEMAN ET AL, "Studies of the Gain Properties of Microstrip Gas Counters Relevant to Their Application as X-Ray and Electron Detectors," <i>IEEE Transactions on Nuclear Science</i> , vol. 49, no. 4, August 2002 (2002-08), p. 1644-1650, XP002305297, p. 1649, 2002, IEEE Nuclear and Plasma Sciences Society.   |
|  | G. TOURILLON ET AL, "Electron yield X-ray absorption spectroscopy at atmospheric pressure," <i>Physics Letters A</i> , vol. 121, no. 5, 27 April 1987, p. 251-257, XP009039581, ISSN: 0375-9601, p. 251 and p. 255, Elsevier Science Publishers B.V., The Netherlands.   |
|  | M. E. KORDESCH and R. W. HOFFMAN, "Electron-yield extended X-ray absorption fine structure with the use of a gas-flow electron detector," <i>Physical Review B (Condensed Matter) USA</i> , vol. 29, no. 1, January-June 1984, p. 491-492, XP002305299, ISSN: 0163-1829, entire document, The American Physical Society.   |

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